**AUTHORIZED FEDERAL SUPPLY
SERVICE INFORMATION TECHNOLOGY
SCHEDULE PRICELIST
GENERAL PURPOSE COMMERCIAL INFORMATION
TECHNOLOGY EQUIPMENT, SOFTWARE AND
SERVICES**

SIN 132-51 - INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES

Note 1: All non-professional labor categories must be incidental to and used solely to support hardware, software and/or professional services, and cannot be purchased separately.

Delmock Technologies, Inc. (DTI)
1213 Hollins Street, Suite 100
Baltimore, MD 21223
(301)772-9400
www.delmock.com

Contract Number: GS-35F0398R

Period Covered: February 28, 2015 thru February 27, 2020

Pricelist current through: Modification #2

About Delmock Technologies, Inc. (DTI)

As a CMMI level III company, Delmock Technologies, Inc. (DTI) has partnered with our federal clients using FISMA, ITIL, PMBOK, COBIT, CMMI, SDLC standards to provide "Innovation, Efficiency, Excellence and Transparency" in responding to technological changes while securing cyberspace since 2002.   DTI stands ready to assist in delivering the most *effective, reliable* and *secure solutions:*

- **Responding to Rapid Changes in Technology** *SMEs have expeditiously provided systems integration and application development engineering solutions for one of the largest federal modernization efforts. DTI works with stakeholders across dozens of business units to increase efficiency by identifying and implementing successful repeatable processes.*

- **Promoting efficiency and effectiveness** *DTI has worked with stakeholders to identify knowledge transfer goals, and develop an all-inclusive cyber education and training plan that involves evaluating processes and training requirements, which lead to the creation of Knowledge Enhancement Seminars.*

- **Creating a Safe, Secure and Resilient Cyber Environment** *DTI's SMEs provided security solutions which have countered technological threats: managing risks, prioritizing threats, and preventing cybercrime.*

DTI always approaches our customers' needs from a holistic perspective versus a linear. Our experts first seek to understand from a top down view while engaging all stakeholders. We evaluate, determine the best technical approach, and then tactically implement our clients' requirements through a holistic, integrated balanced approach.

From a government perspective, the costs of legacy information technology (IT) are growing due to the old operating model of data center management thinking such as brick and mortar concepts. With declining federal budgets, we believe DTI's non-linear approach will provide immediate savings and efficiencies to our clients' mission needs. We believe the secret to success lies in the alignment and integration of three core capabilities: *Security, Integration, and Quality*.

DTI is committed to delivering quality and innovative solutions with the highest attainable levels of integrity, thereby providing our clients with superior technical solutions. For over 10 years, DTI has provided Cybersecurity, Information Assurance, Independent Verification & Validation (IV&V), Systems Integration, Infrastructure Subject Matter Experts, Knowledge Management, and Leadership & Professional Development services.

Awards and Distinctions

- Recognized by the e-Government Institute as winner of the Best of the Best "Government Choice Award" for IV&V solutions for the IRS Modernized e-File project.
- Part of a 20 corporation delegation invited to the White House to discuss the urgent need for cyber job creation & security issues.
- Received Prime Alliance Award for "Exceptional IV&V support" of the IRS's Customer Account Data Engine (CADE) Project.
- Served as thought-leaders in achieving a Bureau's CTO goal of becoming a IT organization with a ITIL level 3 maturity.
- *DTI is assessed at the CMMI Level 3 (CMMI (Capability Maturity Model Integration) certified by Carnegie Mellon University and the Software Engineering Institute (SEI))*

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CUSTOMER INFORMATION:

1a.   Awarded Special Item Number(s):

SIN	Description
132-51	**INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES**

1b.   Identification of the lowest priced model number and lowest unit price for that model for each special item number awarded in the contract: **Not Applicable**.

1c.   Descriptions of all corresponding commercial job titles with experience, functional responsibility and education. **Not applicable**.

2.   Maximum Order: **$500,000.00**

3.   Minimum Order: **$100.00**

4.   Geographic Coverage: **48 contiguous States and the District of Columbia, Alaska, Hawaii, Puerto Rico, Washington, DC and US Territories.**

5.   Point of Production:

Delmock Technologies, Inc.
1213 Hollins Street, Suite 100
Baltimore, MD 21223
(301)772-9400 office   (240)524-2348 facsimile

6.   Prices Shown Herein are Net: **(discount included)**

7.   Quantity Discount: **None**

8.   Prompt Payment Terms: **Net 30 Days**

9.   Government Purchase Cards**: are accepted.**

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10. Foreign Items**: N o t A p p l i c a b l e**

11. Time of Delivery**: 30 Days ARO**

11b. Expedited Delivery**: 30 Days ARO**

11c. Overnight/2-Day Delivery**: Available, Consult with Contractor**

11d. Urgent Requirements**: A v a i l a b l e , Consult with Contractor**

12. FOB Point: **Destination for 48 contiguous States; freight charges apply outside 48 contiguous States**

13. Ordering Address:

        Delmock Technologies, Inc.
        1213 Hollins Street, Suite 100
        Baltimore, MD 21223
        Tel: (301)772-9400
        Fax: (240)524-2348

14. Payment Address:

        Delmock Technologies, Inc.
        1213 Hollins Street, Suite 100
        Baltimore, MD 21223
        Tel: (301)772-9400
        Fax: (240)524-2348

15. Warranty Provisions**: Standard Commercial Warranty**

16. Export Packing charges**: Not applicable**

17. Terms and conditions of Government Purchase Card Acceptance**: Contact Delmock Technologies, Inc. for terms and conditions of Government Purchase Card acceptance above micro-purchase threshold.**

18. Terms and conditions of rental, maintenance, and repair**: Not Applicable**

19. Terms and conditions of installation**: Not applicable**

20. Terms and conditions of repair parts**: Not applicable**

20a. Terms and conditions for any other services**: Not applicable**

21. List of service and distribution points**:**

> **Delmock Technologies, Inc.**
> **1213 Hollins Street, Suite 100**
> **Baltimore, MD 21223**
> **Tel: (301)772-9400**
> **Fax: (240)524-2348**

22. List of participating dealers**: Not applicable**

23. Preventive maintenance**: Not applicable**

24a. Environmental attributes, e.g., recycled content, energy efficiency, and/or reduced pollutants: **Not applicable**

24b. Contact Delmock Technologies, Inc. for Section 508 compliance information. The EIT standards can be found at: http://www.section508.gov

25. DUNS Number**: 10-362-9288**

26. Delmock Technologies, Inc. is registered in the System for Award Management (SAM) database.

TERMS AND CONDITIONS APPLICABLE TO INFORMATION TECHNOLOGY (IT) PROFESSIONAL SERVICES (SPECIAL ITEM NUMBER 132-51)

1.   SCOPE

a.   The prices, terms and conditions stated under Special Item Number 132-51 Information Technology Professional Services apply exclusively to IT/IAM Professional Services within the scope of this Information Technology Schedule.

b.   The Contractor shall provide services at the ordering activity location, as agreed to by the Contractor and the ordering activity.

2.   PERFORMANCE INCENTIVES I-FSS-60 Performance Incentives (April 2000)

a.   Performance incentives may be agreed upon between the Contractor and the ordering activity on individual fixed price orders or Blanket Purchase Agreements under this contract.

b.   The ordering activity must establish a maximum performance incentive price for these services and/or total solutions on individual orders or Blanket Purchase Agreements.

c.   Incentives should be designed to relate results achieved by the contractor to specified targets. To the maximum extent practicable, ordering activities shall consider establishing incentives where performance is critical to the ordering activity's mission and incentives are likely to motivate the contractor. Incentives shall be based on objectively measurable tasks.

3.   ORDER

a.   Agencies may use written orders, EDI orders, blanket purchase agreements, individual purchase orders, or task orders for ordering services under this contract. Blanket Purchase Agreements shall not extend beyond the end of the contract period; all services and delivery shall be made and the contract terms and conditions shall continue in effect until the completion of the order. Orders for tasks which extend beyond the fiscal year for which funds are available shall include FAR 52.232-19 (Deviation – May 2003) Availability of Funds for the Next Fiscal Year. The purchase order shall specify the availability of funds and the period for which funds are available.

b.   All task orders are subject to the terms and conditions of the contract. In the event of conflict between a task order and the contract, the contract will take precedence.

4.   PERFORMANCE OF SERVICES

a.   The Contractor shall commence performance of services on the date agreed to by the Contractor and the ordering activity.

b.   The Contractor agrees to render services only during normal working hours, unless otherwise agreed to by the Contractor and the ordering activity.

c.   The ordering activity should include the criteria for satisfactory completion for each task in the Statement of Work or Delivery Order. Services shall be completed in a good and workmanlike manner.

d.   Any Contractor travel required in the performance of IT Services must comply with the Federal Travel Regulation or Joint Travel Regulations, as applicable, in effect on the date(s) the travel is performed. Established Federal Government per diem rates will apply to all Contractor travel. Contractors cannot use GSA city pair contracts.

5.   STOP-WORK ORDER (FAR 52.242-15) (AUG 1989)

(a)   The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the work called for by this contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop-work is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either-

(1)   Cancel the stop-work order; or

(2)   Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the
            Government, clause of this contract.

(b)   If a stop-work order issued under this clause is canceled or the period of the order or any extension thereof expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if-

   (1)   The stop-work order results in an increase in the time required for, or in the Contractor's cost properly
            allocable to, the performance of any part of this contract; and

   (2)   The Contractor asserts its right to the adjustment within 30 days after the end of the period of work
            stoppage; provided, that, if the Contracting Officer decides the facts justify the action, the Contracting
            Officer may receive and act upon the claim submitted at any time before final payment under this
            contract.

(c)   If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d)   If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

6.   INSPECTION OF SERVICES

In accordance with FAR 52.212-4 CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (MAR 2009) (DEVIATION I - FEB 2007) for Firm-Fixed Price orders and FAR 52.212-4 CONTRACT TERMS AND CONDITIONS □COMMERCIAL ITEMS (MAR 2009) (ALTERNATE I □□OCT 2008)

(DEVIATION I – FEB 2007) applies to Time-and-Materials and Labor-Hour Contracts orders placed under this contract.

7.   RESPONSIBILITIES OF THE CONTRACTOR

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City, or otherwise) covering work of this character. If the end product of a task order is software, then FAR 52.227-14 (Dec 2007) Rights in Data – General, may apply.

8.   RESPONSIBILITIES OF THE ORDERING ACTIVITY

Subject to security regulations, the ordering activity shall permit Contractor access to all facilities necessary to perform the requisite IT Professional Services.

9.   INDEPENDENT CONTRACTOR

All IT Professional Services performed by the Contractor under the terms of this contract shall be as an independent Contractor, and not as an agent or employee of the ordering activity.

10.   ORGANIZATIONAL CONFLICTS OF INTEREST

a.   Definitions.

"Contractor" means the person, firm, unincorporated association, joint venture, partnership, or corporation that is a party to this contract.

"Contractor and its affiliates" and "Contractor or its affiliates" refers to the Contractor, its chief executives, directors, officers, subsidiaries, affiliates, subcontractors at any tier, and consultants and any joint venture involving the Contractor, any entity into or with which the Contractor subsequently merges or affiliates, or any other successor or assignee of the Contractor.

An "Organizational conflict of interest" exists when the nature of the work to be performed under a proposed ordering activity contract, without some restriction on ordering activities by the Contractor and its affiliates, may either (i) result in an unfair competitive advantage to the Contractor or its affiliates or (ii) impair the Contractor's or its affiliates' objectivity in performing contract work.

b.   To avoid an organizational or financial conflict of interest and to avoid prejudicing the best interests of the ordering activity, ordering activities may place restrictions on the Contractors, its affiliates, chief executives, directors, subsidiaries and subcontractors at any tier when placing orders against schedule contracts. Such restrictions shall be consistent with FAR 9.505 and shall be designed to avoid, neutralize, or mitigate organizational conflicts of interest that might otherwise exist in situations related to individual orders placed against the schedule contract. Examples of situations, which may require restrictions, are provided at FAR 9.508.

11.   INVOICES

The Contractor, upon completion of the work ordered, shall submit invoices for IT/IAM Professional services. Progress payments may be authorized by the ordering activity on individual orders if appropriate. Progress payments shall be based upon completion of defined milestones or interim products. Invoices shall be submitted monthly for recurring services performed during the preceding month.

12. PAYMENTS

For firm-fixed price orders the ordering activity shall pay the Contractor, upon submission of proper invoices or vouchers, the prices stipulated in this contract for service rendered and accepted. Progress payments shall be made only when authorized by the order. For time-and-materials orders, the Payments under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to time-and-materials orders placed under this contract. For labor-hour orders, the Payment under Time-and-Materials and Labor-Hour Contracts at FAR 52.212-4 (MAR 2009) (ALTERNATE I – OCT 2008) (DEVIATION I – FEB 2007) applies to labor-hour orders placed under this contract. 52.216-31(Feb 2007) Time-and-Materials/Labor-Hour Proposal Requirements—Commercial Item Acquisition As prescribed in 16.601(e)(3), insert the following provision:

(a) The Government contemplates award of a Time-and-Materials or Labor-Hour type of contract resulting from this solicitation.
(b) The offeror must specify fixed hourly rates in its offer that include wages, overhead, general and administrative expenses, and profit. The offeror must specify whether the fixed hourly rate for each labor category applies to labor performed by—
    (1) The offeror;
    (2) Subcontractors; and/or
    (3) Divisions, subsidiaries, or affiliates of the offeror under a common control.

13. RESUMES

Resumes shall be provided to the GSA Contracting Officer or the user ordering activity upon request.

14. INCIDENTAL SUPPORT COSTS

Incidental support costs are available outside the scope of this contract. The costs will be negotiated separately with the ordering activity in accordance with the guidelines set forth in the FAR.

15. APPROVAL OF SUBCONTRACTS

The ordering activity may require that the Contractor receive, from the ordering activity's Contracting Officer, written consent before placing any subcontract for furnishing any of the work called for in a task order.

16. DESCRIPTION OF IT/EC SERVICES AND PRICING

a.   The Contractor shall provide a description of each type of IT Service offered under Special Item Numbers 132-51 and Services should be presented in the same manner as the Contractor sells to its commercial and other ordering activity customers. If the Contractor is proposing hourly rates, a description of all corresponding commercial job titles (labor categories) for those individuals who will perform the service should be provided.

b. Pricing for all IT services shall be in accordance with the contractor's customary commercial practices; e.g., hourly rates, monthly rates, term rates, and/or fixed prices.

DELMOCK TECHNOLOGIES, INC.
Pricelist
Effective January 1, 2014

LABOR	LABOR CATEGORY	GSA RATE
1	Program Manager	$95.72
2	Project Manager	$115.48
3	Data Specialist II	$46.28
4	Data Specialist	$40.37
5	Technical Writer	$62.56
6	Subject Matter Expert (Test)	$125.04
8	Testing Manager	$115.20
9	Principle Testing Specialist	$102.41
10	Senior Testing Specialist	$96.49
11	Testing Specialist	$89.60
12	Subject Matter Expert (Security)	$159.70
13	Principle Security Analyst	$129.97
14	Principle Security Engineer	$127.03
15	Senior Security Engineer	$121.11
16	Senior Security Analyst	$118.37
17	Security Analyst	$109.71
18	Security Engineer	$112.25
19	Security Architect	$162.64
20	Application Developer II	$111.26
21	Application Developer	$99.45
22	Database Administrator	$77.00
23	Senior Network Specialist	$73.85
24	Network Specialist	$59.08

LABOR DESCRIPTIONS

Commercial Job Title: Program Manager

Responsible for overall management of the contract. Organizes, directs, and coordinates planning and production of all contract support activities. Must have excellent oral and written communication skills, with a demonstrated capability for dealing with all levels of management personnel, contractor managers, and client representatives. Responsible for the performance of all contract activities and task order requirements. Meets with appropriate Government management personnel, other contractor managers, and client agency representatives. Formulates and reviews strategic plans, marketing plans, subcontracting, and deliverable items, determines contract costs, and ensures conformity with contract terms and conditions. Responsible for ensuring coordination between personnel below him or her and all central management functions within the organization and between those central management functions and appropriate Government personnel. Assigns, schedules, and reviews work of subordinates. Explains policies, purposes, and goals of the contractor's organization, and GSA's policies and procedures applicable to this contract, to subordinates. Takes appropriate action and coordinates policies and activities with appropriate Government personnel, as required to avoid personal services. Must be authorized to negotiate on behalf of and bind the contractor to contract provisions. Actively applies quality assurance measures to the management and performance of the contract.

Educational Requirements: Master's degree (in computer science or related field) from an accredited college or university, or experience through an organizational position representative of a corporate Vice President of a firm, supported by a Bachelor's degree in an IT related field, systems management, engineering, mathematics or scientific related field or in business administration.

Experience Requirements: Ten years of intensive and progressive experience in managing IT or engineering programs, which include: five years experience supervising and managing personnel involved in IT projects, two years of intensive and progressive experience managing at least 20 or more IT professionals in subordinate groups and in diverse locations, one year managing complex organizations of which he/she had total responsibility for the financial success of the organizational unit, and one year managing a significant Government contract.

Commercial Job Title: Program Manager

Responsible for overall management of the contract. Organizes, directs, and coordinates planning and production of all contract support activities. Must have excellent oral and written communication skills, with a demonstrated capability for dealing with all levels of management personnel, contractor managers, and client representatives. Responsible for the performance of all contract activities and task order requirements. Meets with appropriate Government management personnel, other contractor managers, and

client agency representatives. Formulates and reviews strategic plans, marketing plans, subcontracting, and deliverable items, determines contract costs, and ensures conformity with contract terms and conditions. Responsible for ensuring coordination between personnel below him or her and all central management functions within the organization and between those central management functions and appropriate Government personnel. Assigns, schedules, and reviews work of subordinates. Explains policies, purposes, and goals of the contractor's organization, and GSA's policies and procedures applicable to this contract, to subordinates. Takes appropriate action and coordinates policies and activities with appropriate Government personnel, as required to avoid personal services. Must be authorized to negotiate on behalf of and bind the contractor to contract provisions. Actively applies quality assurance measures to the management and performance of the contract.

Educational Requirements: Master's degree (in computer science or related field)from an accredited college or university, or experience through an organizational position representative of a corporate Vice President of a firm, supported by a Bachelor's degree in an IT related field, systems management, engineering, mathematics or scientific related field or in business administration.

Experience Requirements: Ten years of intensive and progressive experience in managing IT or engineering programs, which include: five years experience supervising and managing personnel involved in IT projects, two years of intensive and progressive experience managing at least 20 or more IT professionals in subordinate groups and in diverse locations, one year managing complex organizations of which he/she had total responsibility for the financial success of the organizational unit, and one year managing a significant Government contract.

Commercial Job Title: Project Manager
Responsible for large projects or significant segment of a large complex project. Leads team on large projects or significant segment of large complex projects. Translate customer requirements into formal agreements and plans to culminate in customer acceptance of results, or have acceptance in the targeted market, while meeting business objectives. Works with client to identify business requirements and develops the proposal. Subsequently leads a team in the initiating, planning, controlling, executing, and closing tasks of a project or segment of a project to produce the solution deliverable. Execute a wide range of process activities beginning with the request for proposal through development, test and final delivery. Formulates partnerships between customer, suppliers and staff. Anticipates potential project related problems. Utilizes refined techniques for identifying, eliminating or mitigating solution, project, and business risk. Understands customer, industry and business trends. Applies this understanding to meet project objectives. As appropriate, challenges the validity of given procedures and processes with a view toward enhancement or improvement. Analyzes information and situations and implement actions, independently and or through the management team to ensure project objectives are met. Analyzes new and complex project related problems and creates innovative solutions involving finance, scheduling, technology, methodology, tools, and solution components.

Educational Requirements: Bachelor's degree from an accredited college or university, which provides substantial knowledge of the information sciences.

Experience Requirements: Six years of intensive and progressive experience demonstrating the required proficiency levels related to task. Education may be substituted with 10 years of intensive and progressive experience demonstrating the required proficiency levels related to task.

Commercial Job Title: Data Specialist II
Has full technical knowledge of data entry devices. May instruct, direct and check the work of other electronic input operators. Assists in scheduling data entry functions. Operates data entry devices in recording a variety of data; verifies data entered. Performs routine data preparation and distribution.

Educational Requirements: High school graduate or equivalent.

Experience Requirements: Three years experience in electronic input and verification via various input devices. Includes one year of experience supervising if assigned as task or functional lead. Capable of allocating work to operators to maximize output.

Commercial Job Title: Data Specialist I

Operates data entry devices in recording a variety of data; verifies data entered. Performs routine data preparation and distribution.

Educational Requirements: High school graduate or equivalent.

Experience Requirements: One year of electronic input and verification experience utilizing various input devices.

Commercial Job Title: Technical Writer

Responsible for preparing and/or maintaining systems, programming and operations documentation, procedures and methods, including user reference manuals. Maintains a current internal documentation library. Provides or coordinates documentation services as required. Ensures accuracy of technical documentation. Knowledge and basic understanding of all aspects of proofreading include grammar and spelling. Able to work independently at the highest level of all phases of documentation. Composes and finalizes IT documentation, including specifications and user manuals, in the style and format required by the task.

Educational Requirements: High school graduate or equivalent.

Experience Requirements: Two years of experience in technical writing and documentation

Commercial Job Title: Subject Matter Expert(Test)

Individual that is able to direct recommends solution for high-level testing effort. Able to manage and provide technical direction to testing staff on tasks associated with the testing scope.A seasoned professional in development of project Software Quality Assurance Plans and the implementation of procedures that conforms to the requirements of the contract. Ensures that each functional component of the software project follows a defined process that is in conformance with contractual requirements. Reports findings to project staff, line management of the organization, and the customer, as appropriate. Provides an independent assessment of how the project's software development process is being implemented relative to the defined process and recommends methods to optimize the organization's process.

Educational Requirements: Master's degree (in computer science or related field)from an accredited college or university in computer science, mathematics, or engineering or a mathematics-intensive discipline, or an applicable training certificate from an accredited institution.

Experience Requirements: Twelve years experience of increasing complexity with the planning, organization, and control of Software Quality Procedures for complex software development projects and experience in developing software and associated documents. Has experience with current and emerging technologies. A problem solver in the Testing.

Commercial Job Title: Testing Manager

Overall planning of testing efforts. Responsible for development of project Software Quality Assurance Plan and the implementation of procedures that conforms to the requirements of the contract. Responsible for verifying that each functional component of the software project follows a defined process which is in

conformance with contractual requirements. Reports findings to project staff, line management of the organization, and the customer, as appropriate. Provides an independent assessment of how the project's software development process is being implemented relative to the defined process and recommends methods to optimize the organization's process. Provides direction for the entire test effort.

Educational Requirements: Bachelor's degree from an accredited college or university in computer science, mathematics, or engineering or a mathematics-intensive discipline, or an applicable training certificate from an accredited institution.

Experience Requirements: Twelve years experience of increasing complexity with the planning, organization, and control of Software Quality Procedures for complex software development projects and experience in developing software and associated documents. Years of experience includes 5+years performing management tasks. Has experience with current and emerging technologies.

Commercial Job Title: Principal Testing Specialist

Responsible for development of project Software Quality Assurance Plan and the implementation of procedures that conforms to the requirements of the contract. Has specific knowledge of testing on multiple platforms. Perform a wide range of testing methods utilizing various tools. Responsible for verifying that each functional component of the software project follows a defined process which is in conformance with contractual requirements. Reports findings to project staff, line management of the organization, and the customer, as appropriate. Provides an independent assessment of how the project's software development process is being implemented relative to the defined process and recommends methods to optimize the organization's process.

Educational Requirements: Bachelor's degree from an accredited college or university in computer science, mathematics, or engineering or a mathematics-intensive discipline, or an applicable training certificate from an accredited institution.

Experience Requirements: Ten years experience of increasing complexity with the planning, organization, and control of Software Quality Procedures for complex software development projects and experience in developing software and associated documents. Has experience with current and emerging technologies.

Commercial Job Title: Senior Testing Specialist

Supports development of project Software Quality Assurance Plan and the implementation of procedures that conforms to the requirements of the contract. Responsible for verifying that each functional component of the software project follows a defined process which is in conformance with contractual requirements. Reports findings to project staff, line management of the organization, and the customer, as appropriate. Provides an independent assessment of how the project's software development process is being implemented relative to the defined process and recommends methods to optimize the organization's process.
Educational Requirements: Bachelor's degree from an accredited college or university in computer science, mathematics, or engineering or a mathematics-intensive discipline, or an applicable training certificate from an accredited institution.

Experience Requirements: Seven years experience of increasing complexity with the planning, organization, and control of Software Quality Procedures for complex software development projects and experience in developing software and associated documents. Has experience with current and emerging technologies.

Commercial Job Title: Testing Specialist

Supports development of project Software Quality Assurance Plan and the implementation of procedures

that conforms to the requirements of the contract. Responsible for verifying that each functional component of the software project follows a defined process which is in conformance with contractual requirements. Reports findings to project staff, line management of the organization, and the customer, as appropriate. Supports independent assessment of how the project's software development process is being implemented relative to the defined process and recommends methods to optimize the organization's process.

Educational Requirements: Bachelor's degree from an accredited college or university in computer science, mathematics, or engineering or a mathematics-intensive discipline, or an applicable training certificate from an accredited institution.

Experience Requirements: Two years experience with the writing and executing Software Quality Procedures for software development projects or experience in developing software and associated documents. Has familiarity with current and emerging technologies.

Commercial Job Title: Subject Matter Expert(IA)

Works on complex IA projects involving all phases information assurance and network operations to include: assess, address, correlate, analyze, and provide IA course of action decision support. Has expertise knowledge in high quality assessments that provides an understanding and resolution to security related events as they occur. Develop and document vulnerabilities including solutions/countermeasures and exploits for the purpose of identifying signatures. Able to address problem area and recommend automated solutions. Assesses impact, determines probable damage and suggests methods of damage control, conducts computer forensics, and follow-on analysis to build historical and predictive capabilities. Analyzes and recommends resolution of IA problems based on knowledge of the major IA products and services, an understanding of their limitations, and a working knowledge of the disciplines of IA. Applies expert knowledge of current IA policy, tactics, techniques, policy, and doctrine, and relationship to IA reporting requirements and structure.

Educational Requirements: Bachelor's degree in Computer Science, Information Systems, Engineering, or other related scientific or technical disciplines from an accredited institution. Experience Requirements: General Experience: Twelve (12) years of experience (substitute 2 years for a Master's Degree in one of the above) in information systems engineering with a demonstration of increasing responsibilities within this technical field.

Specialized Experience: Eight (8) years experience in engineering large, complex systems or networks. Experienced in LANs, WANs, VPNs, routers, firewalls, network protocols, and other security and network operations and monitoring, vulnerability analysis, PKI, data encryption, key management, data warehousing, and data mining capabilities. Demonstrated experience in analytical problem solving of work flows, organization and planning. Demonstrated experience with IA products and systems.

Commercial Job Title: Principal Security Engineer

Performs a variety of complex project tasks applied to specialized technology problems. Tasks involve integration of electronic processes or methodologies to resolve total system problems or technology problems. Applies analytical and systematic approaches in the resolution of problems of work flow, organization, and planning. Directs and assists system engineers in the application of system engineering principles to the solution of secure systems design problems. Expert knowledge of LANs,

WANs, VPNs, routers, firewalls, network protocols, and other security and network operations and monitoring, vulnerability analysis, PKI, data encryption, key management, data warehousing, and data mining capabilities.

Educational Requirements: Bachelor's degree in Computer Science, Information Systems, Engineering, or other related scientific or technical disciplines from an accredited institution.

Experience Requirements: General Experience: Seven (8) years of experience in information systems engineering with a demonstration of increasing responsibilities within this technical field. Specialized Experience: Five (5) years experience in engineering large, complex systems or networks. Experienced in LANs, WANs, VPNs, routers, firewalls, network protocols, and other security and network operations and monitoring, vulnerability analysis, PKI, data encryption, key management, data warehousing, and data mining capabilities. Demonstrated experience in analytical problem solving of work flows, organization and planning. Demonstrated experience with IA products and systems.

Commercial Job Title: Principal Security Analyst

Works on complex IA projects involving all phases information assurance and network operations to include: assess, address, correlate, analyze, and provide IA course of action decision support. Develops high quality assessments that provides an understanding and resolution to security related events as they occur. Develop and document vulnerabilities including solutions/countermeasures and exploits for the purpose of identifying signatures. Able to address problem area and recommend automated solutions. Assesses impact, determines probable damage and suggests methods of damage control, conducts computer forensics, and follow-on analysis to build historical and predictive capabilities. Analyzes and recommends resolution of IA problems based on knowledge of the major IA products and services, an understanding of their limitations, and a working knowledge of the disciplines of IA. Applies knowledge of current IA policy, tactics, techniques, policy, and doctrine, and relationship to IA reporting requirements and structure.

Educational Requirements: Bachelor's degree in Computer Science, Information Systems, Engineering, or other related scientific or technical disciplines from an accredited institution.

Experience Requirements: General experience. Eight (8) years experience in applications programming and functional analysis on large systems using data base management systems. Four years experience in an IA discipline (e.g., Information Systems Security (IA), Computer Security (COMPUSEC); Communications Security (COMSEC); TEMPEST; or Operations Security (OPSEC) and in developing functional requirements for complex integrated ADP systems using IA products or processes. Knowledge of computer hardware such as Sun Work Stations, IBM, DEC, HP, NCR, AT&T, and Macintosh and high-level computer languages. Current knowledge of IA and IA-enabling products, regulations, standards and guidelines.

Commercial Job Title: Senior Security Analyst

Works on complex application problems involving all phases of systems analysis to provide IA solutions. Provides technical support for secure software development and integration tasks, including the review of work products for correctness, adherence to the design concept and to user standards. Expert knowledge of IA products and IA-enabling products such as PKI, VPN, Firewalls, Intrusion Detection Systems, etc. Applies knowledge of current IA policy at the national IA structure, roles of major organizations how they interrelate and interact, and shortcomings in this structure.

Reviews and recommends IA solutions to customer problems based on an understanding
of how products and services interrelate and support the IA mission and the viewpoints of
the consumers of those products and services. Analyzes and recommends resolution of IA
problems based on knowledge of the major IA products and services, an understanding of
their limitations, and a expert knowledge of the disciplines of IA.

Educational Requirements: Bachelor's degree in Computer Science, Information Systems,
Engineering, or other related scientific or technical disciplines from an accredited institution.

Experience Requirements: General experience. Six (6) years experience in applications programming and
functional analysis on large systems using data base management systems. Four years experience in an IA
discipline (e.g., Information Systems Security (IA), Computer Security (COMPUSEC); Communications
Security (COMSEC); TEMPEST; or Operations Security (OPSEC) and in developing functional
requirements for complex integrated ADP systems using IA products or processes. Knowledge of computer
hardware such as Sun Work Stations, IBM, DEC, HP, NCR, AT&T, and Macintosh and high-level
computer languages. Current knowledge of IA and IA-enabling products, regulations, standards and
guidelines.

Commercial Job Title: Senior Security Engineer

Performs a variety of moderately complex project tasks applied to
specialized technology problems. Tasks involve integration of electronic processes or
methodologies to resolve total system problems or technology problems. Analyzes
information security requirements. Applies analytical and systematic approaches in the
resolution of problems of work flow, organization, and planning. Direct and assist other system engineers in
the application of engineering principles to the solution of secure systems design problems.

Educational Requirements: Bachelor's degree in Computer Science, Information Systems,
Engineering, or other related scientific or technical disciplines from an accredited institution.

Experience Requirements: General Experience: Six (6) years of experience in information systems
engineering and with a demonstration of increasing responsibilities.
IA Specialized Experience: Three (3) years experience in Information Assurance,
Communications Computer Security (COMPUSEC); Communications Security
(COMSEC); TEMPEST; or Operations Security (OPSEC). Demonstrated experience in
analytical problem solving of work flows, organization and planning. Demonstrated
experience with IA products and systems.

Commercial Job Title: Security Analyst

Provides technical support for secure software development and integration tasks, including the review of
work products for correctness, adherence to the design concept and to user standards. Knowledge of IA
products and IA-enabling products such as PKI, VPN, Firewalls, Intrusion Detection Systems, etc. Applies
knowledge of current IA policy at the national IA structure, roles of major organizations how they
interrelate and interact, and shortcomings in this structure.
Reviews and recommends IA solutions to customer problems based on an understanding
of how products and services interrelate and support the IA mission and the viewpoints of
the consumers of those products and services. Analyzes and recommends resolution of IA
problems based on knowledge of the major IA products and services, an understanding of
their limitations, and a expert knowledge of the disciplines of IA.

Educational Requirements: Bachelor's degree in Computer Science, Information Systems,
Engineering, or other related scientific or technical disciplines from an accredited institution.

Experience Requirements: General experience. Four (4) years experience in applications programming/functional analysis on large systems using data base management systems. One year experience in an IA discipline (e.g., Information Systems Security (IA), Computer Security (COMPUSEC); Communications Security (COMSEC).

Commercial Job Title: Security Engineer

Tasks involve integration of electronic processes or methodologies to resolve total system problems or technology problems. Analyzes information security requirements. Applies analytical and systematic approaches in the resolution of problems of work flow, organization, and planning. Assists the Senior Engineer in directing and assisting other system engineers in the application of engineering principles to the solution of secure systems design problems.

Educational Requirements: Bachelor's degree in Computer Science, Information Systems, Engineering, or other related scientific or technical disciplines from an accredited institution.

Experience Requirements: General Experience: Four (4) years of experience in information systems engineering and with a demonstration of increasing responsibilities.
IA Specialized Experience: One (1) year experience in Information Assurance, Communications Computer Security (COMPUSEC); Communications Security (COMSEC).

Commercial Job Title: System Architect

Recognized for business and/or architectural expertise with regard to effectively adapting functional business requirements and processes to technical solutions based upon comprehensive enterprise application solution sets. Work with senior managers and executives to provide vision and strategic direction for those functional areas that support the defined business disciplines within the enterprise, and to provide insight into selecting the enterprise applications (such as ERP products) that set the direction and establish an approach for a technical solution. Analyzes ERP gap analysis and architecture for full-scale implementation. Designs ERP application interfaces and the solution infrastructure baseline across the functional areas of interest. Manages ERP development, implementation, integration, testing and follow on support. While considering the needs of specific business areas, as well as those of the enterprise, provide expertise on technology and industry trends that will affect enterprise solution sets, including technical platforms and network architectures. Lead technical design reviews, validate enterprise approaches, define application systems that support redesigned or improved business processes, recommend technical architectures that lead to comprehensive business solutions, and assess work products. Updates and debugs system problems to ensure functionality. Also responsible for developing and educating others with regard to the solution set for business and/or architecture-specific best practices.

Educational Requirement: Bachelor's degree from an accredited college or university in computer science, information systems, engineering, scientific or a mathematics-intensive discipline.

Experience Requirements: Ten years or Master's degree and 6 years or PhD and 4 years of general IT experience, including formal training and 3 years experience in BPR methods, plus training and 1 year experience in enterprise applications.

Commercial Job Title: Application Developer II

Formulates and defines system scope and objectives for assigned projects. Prepares detailed specifications

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for programs. Responsible for program design, coding, testing, debugging and documentation. Has full technical knowledge and responsibility of all phases of applications systems analysis and programming. Understands the business or function for which application is designed. Duties also include instructing, directing and checking the work of other systems analysts and programming personnel. Responsible for quality assurance review. Responsible for directing and monitoring the work of team members.

Educational Requirements: Bachelor's degree from an accredited college or university with a curriculum or major field of study which provides substantial knowledge useful in managing large, complex AIS projects, is closely related to the work to be automated, and/or in a computer science, information system, a physical science, engineering or a mathematics-intensive discipline.

Experience Requirements: Seven years of increasingly complex and progressive experience in performing systems analysis, development, and implementation of business, mathematical, or scientific setting using a variety of information technology resources. Has experience with current technologies and, where required for the task, emerging technologies. Must have managed or had significant involvement with complex or substantive information technology projects including one year of experience in management and supervision.

Commercial Job Title: Application Developer

Formulates and defines system scope and objectives through research and fact-finding to develop or modify moderately complex information systems. Prepares detailed specifications for programs. Designs, codes, tests, debugs, documents and maintains programs. May be called on to work on special graphics application programs such as, but not limited to; CAD, CAD/CV, or GIS. Works on most phases of applications systems analysis and programming activities including the installation of enhancements, security features, and analytical tools, but requires instruction and guidance in other phases.

Educational Requirements: Bachelor's degree from an accredited college or university with a curriculum or major field of study which provides substantial knowledge useful in managing large, complex AIS projects, is closely related to the work to be automated, and/or in a computer science, information system, a physical science, engineering or a mathematics-intensive discipline, or an applicable training certificate from an accredited training institution.

Experience Requirements: Two years of increasingly complex and progressive experience in performing systems analysis, development, and implementation of business, mathematical, engineering or scientific settings using a variety of information technology resources. Has experience with current technologies and, where required for the task, emerging technologies.

Commercial Job Title: Database Administrator

Performs one or more of the following tasks in support of computer database administration: architects, designs, oversee the development of, or administers computerized databases, installs the applicable databases onto the appropriate computer operating systems, creates databases, configure databases (for a data warehousing application), use import utilities to install databases. Includes creation of Indexes, Clusters, Snapshots, Views, and other database objects, as well as, management of Rollback Segments, Data File Size, and all the other aspects related to the performance tuning of databases. Write code for update queries, update data dictionaries as new fields are added to the database, and maintain a data correction log. Create and maintain data correction logs that identify the date the correction that was performed, tables and fields effected, submission effected, error code effected, and other pertinent metadata. Expand and update the data dictionary for the database and any related applications. May, assign personnel to various projects and directs their activities; reviews and evaluates their work and prepares performance reports. Confers

with and advises subordinates on administrative policies and procedures, technical problems, priorities and methods. Consults with and advises users of the various databases. Projects long-range requirements for database administration and design in conjunction with other managers in the information systems function. Prepares activity and progress reports regarding the database management section.

Educational Requirements: Bachelor's degree from an accredited college or university with a curriculum or major field of study which provides substantial knowledge useful in managing large, complex AIS projects, is closely related to the work to be automated, and/or in a computer science, information system, a physical science, engineering or a mathematics-intensive discipline or an applicable training certificate from an accredited training institution.

Experience Requirements: Seven years of increasingly complex and progressive experience in performing systems analysis, development, and implementation of business, mathematical, or scientific settings using a variety of information technology resources. Has experience with current technologies and, where required for the task, emerging technologies.

Commercial Job Title: Senior Network Specialist

Tests and analyzes all elements of the network facilities including power, software, security features, communications devices, lines, modems and terminals and for the overall integration of the enterprise network. Responsible for the planning, modeling, simulation, design, installation, maintenance, management and coordination of the network. Monitors and controls the performance and status of the network resources. Utilizes software and hardware tools, identifies and diagnoses complex problems and factors affecting network performance. Maintains technical currency and studies vendor products to determine those which best meet client needs. Provides guidance and direction for less experienced network support technicians.

Educational Requirements: Bachelor's degree from an accredited college or university in computer science, information systems, engineering or a mathematics-intensive discipline or an applicable technical training certificate from an accredited training institution.

Experience Requirements: Seven years of increasingly complex and progressive experience in computer system/network engineering. Includes two years of specialized experience related to the task.

Commercial Job Title: Network Specialist

Tests and analyzes all elements of the network facilities including power, software, security features, communications devices, lines, modems and terminals and for the overall integration of the enterprise network. Monitors and controls the performance and status of the network resources. Utilizes software and hardware tools, identifies and diagnoses complex problems and factors affecting network performance.

Educational Requirements: Bachelor's degree from an accredited college or university in computer science, information systems, engineering or a mathematics-intensive discipline or an applicable technical training certificate from an accredited training institution.

Experience Requirements: Three years of increasingly complex and progressive experience in computer system/network engineering.